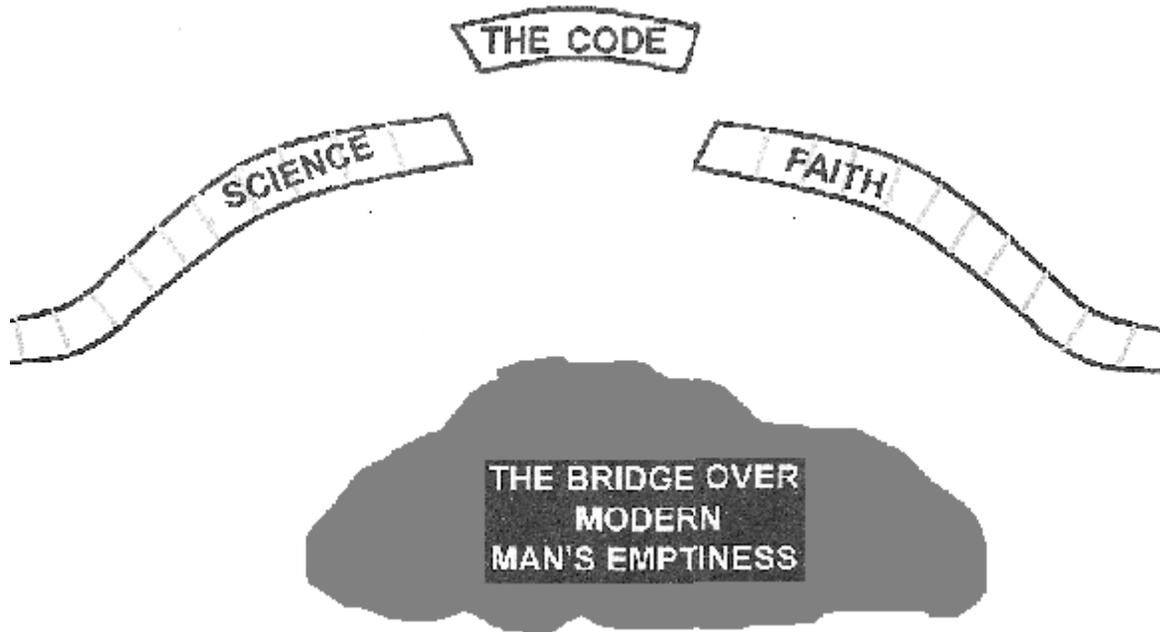


# *The Bridge's Missing Keystone*



JOB 38:6,7

Whereupon are the foundations thereof fastened? or who laid the corner stone thereof;  
When the morning stars sang together, and all the sons of God shouted for joy?

ZECHARIAH 3:9

... upon one stone shall be seven eyes: behold, I will engrave the graving thereof, saith the LORD

MATTHEW 21:42

Jesus saith unto them, Did ye never read in the scriptures, The stone which the builders rejected, the same is become the head of the corner: this is the Lord's doing, and it is marvellous in our eyes?

Once upon a time in a land just beyond our memories, man rejected the stone with seven eyes and descended into a world of materialism. His eyes were opened to the four dimensions that are so in the forefront of the consciousness of modern man. These four dimensions, length, height, depth and time have been probed in detail by science and some scientists have said that the material world is all there is. Yes, man's eyes were opened to the mere shadows that we call the physical world, but at the same time their eyes were closed to the reality of the stone with seven eyes, the very lamps of the Seven Spirits of God. The roots of this blindness have flourished and modern man has not yet escaped from it.

MATTHEW 15:13, 14

...Every plant, which my heavenly Father hath not planted, shall be rooted up. Let them alone: they be blind leaders of the blind. And if the blind lead the blind, both shall fall into the ditch.

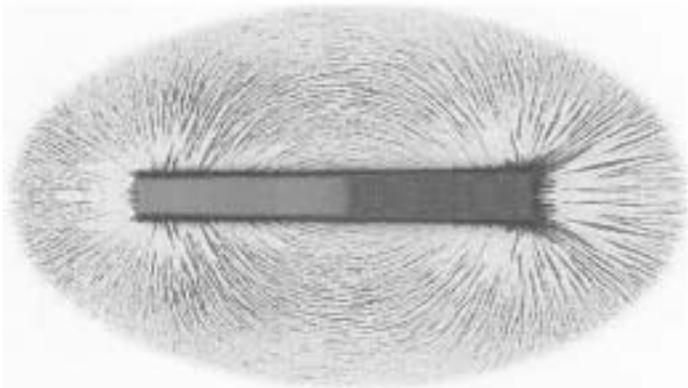
But now, something remarkable is happening. Scientists are bumping into these hidden dimensions of the Seven Spirits of God. They describe various aspects of these unseen dimensions, but do not know or understand that these are the very unseen building blocks by which the worlds were framed.

HEB 11:1-3 Now faith is the substance of things hoped for, the evidence of things not seen. For by it the elders obtained a good report. Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear.

What is happening here - lets look at a very brief summary of where we stand in the scientific world and how we have arrived at this moment in time. Scientists like Bohr and Einstein contributed mightily to our concepts of atomic and physical theory. The search for the smallest elemental building blocks led to atoms and then the atoms were probed and smashed. A whole plethora of smaller particles were identified, electrons, photons, neutrons, protons, quarks, muons, neutrinos, bosons, leptons, antimatter particles, etc. The list of new particles and waves had become so embarrassingly long, that scientists began to look for an underlying theory.

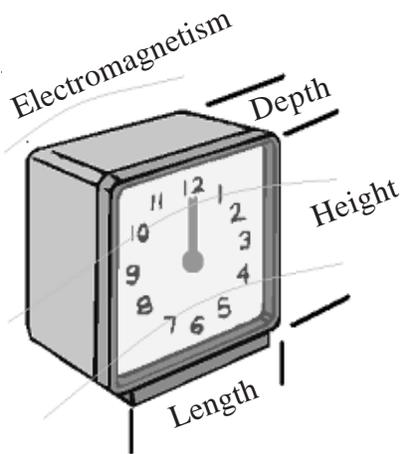
String theory came on the scene and said that many of these were not new particles or waves at all, but were simply different vibrations on very tiny strings. The example of a violin string being played to produce a range of notes was given. One violin can play many different tunes. As this was examined, scientists found mathematical equations that neatly tied in the four dimensional world of Isaac Newton's falling apple with Michael Faraday's electromagnetism discoveries . This required a world of five dimensions.

The world of unseen dimensions may seem 'spooky' to some of us, but lets give a familiar example that we have encountered in gradeschool science classes. In the electromagnetic realm, do we see the magnetic lines of force? No. But, do we see the effects of these magnetic lines? Yes. Consider what happens when iron filings are randomly placed on a transparent plastic sheet and then the sheet is placed over a magnet. The filings align themselves with the magnetic lines of 'force'. And all of us, at one time or another, have probably used a compass. Whether we realize it or not, the compass magnet is aligning itself with the magnetic lines of force around that big magnet with north and south poles that we call the earth.

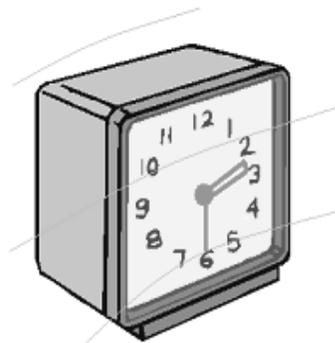


Theodor Kaluza, Edward Witten and others that were able to combine the theorems of Newton's classical physics and Faraday's electromagnetic world were thrilled that these were described by five dimensional mathematics. But, what do we mean by five dimensions? Consider the clock at the top of the next page. We can see the clock, we can feel it, we know that it has length depth and height. But time is also a dimension, because we are viewing the clock at different times. So, we might represent length by  $x$ , height by  $y$ , depth by  $z$ , and time by  $t$ . But, what about the fifth dimension in the electromagnetic world, that we don't see? We will assign the variable  $E_m$  to this world and rather inadequately show it as just a few gray lines around the clock. We don't actually see the electromagnetic variables such as electrical charges and magnetic fields, but they are there just the same.

## The Five Dimensional World: $x$ , $y$ , $z$ , $t$ , and $E_m$



Time: 12:00 AM



Time: 02:30 AM

Time: 08:10 AM

This is really nothing more complicated than buying a new dishwasher for the kitchen. At a certain time ( $t_1$ ), we would measure the space available for the new dishwasher ( $x$  = length,  $y$  = height, and  $z$  = depth). Once the dishwasher is installed at time ( $t_2$ ) we turn on the dishwasher  $E_m$  and watch it perform its task.

It should not come as surprise to any of us that the electromagnetic dimension exists in both the physical and spiritual world. How can that be? Have you had experiences where someone spoke or something happened and you had 'goose bumps'? The hairs on your arm may have stood straight up. This happens when the presence of the Holy Spirit is extremely strong. Some of the prophets and the Israelites of old time have reported 'seeing' the shekinah glory of God.

Hopefully, the discussion of the five dimensions has not been confusing to you. But, now, are you ready to take a 'leap of faith' and dive into the world of ten dimensions. This includes the  $x$ ,  $y$ ,  $z$ ,  $t$ ,  $E_m$  dimensions plus five more. In the tiny, tiny, tiny, smaller than microscopic world of quantum mechanics, it was found that adding five more dimensions would bring scientist's even closer to what Einstein called a theory of everything. String theory began to attempt to mathematically explain that the huge number of particles being encountered in the atom smashers were tiny strings. Different vibrations or 'tunes' played on these tiny strings would give the appearance of different kinds of particles in the atom smashers. Why can't we 'see' these 'extra dimensions'? One obvious observation is that strings are so tiny that our eyes would have difficulty in even knowing they were there. Another explanation has been that these extra dimensions are 'curled up' and we can not look into them like we can see length, width and height.

Sometime in 2008, a particle collider located in Cern, Switzerland will complete an upgrade that scientists hope will confirm some of the tenets of string theory proposed by the mathematicians. This collider has a particle race track about 17 miles long and will input huge amounts of energy to develop the collisions. But, in the meantime, as scientists have begun to embrace ten dimension string theory, a funny thing has happened. It now appears that there are a total of eleven dimensions and seven of them are in the unseen world.

## 11 DIMENSIONS - 4 DIMENSIONS = 7 DIMENSIONS

Are you beginning to get an inkling about where this is headed? Before we go into the 7 dimensions of the spirit world, lets look at what is being said in the science world about these dimensions that we can't see.

We are now going to visit some information from the 13th chapter of a book written by Brian Greene, one of the world's leading physicists and now at Columbia University. The book is entitled The Fabric of the Cosmos. Lest our readers feel left out because they have not read the preceding twelve chapters, we will provide a brief introduction of our own to provide context.

One of the leading pioneers in the development of string theory is Edward Witten. He was instrumental in the advances from string theory to membrane theory. In case you haven't heard of membrane theory, it is a further enhancement of string theory where the vibrating strings are attached to a stretchable membrane. Does this sound weird to you? A lot of other scientists thought it was weird for a while until they began to understand how membrane theory answered a lot of their questions. Does this concept sound weird to God? We would not be so bold to tell you what God's opinion is of membrane theory (called M-theory for short). But, we do find the following scriptures extremely interesting.

PSA 104:2 Who coverest thyself with light as with a garment: **who stretchest out the heavens like a curtain:**

JOB 38:4 **Where wast thou when I laid the foundations of the earth?** declare, if thou hast understanding. 5 Who hath laid the measures thereof, if thou knowest? or **who hath stretched the line upon it?**

ISA 45:12 I have made the earth, and created man upon it: I, even my hands, **have stretched out the heavens, and all their host have I commanded.**

JER 10:12 He hath made the earth by his power, he hath established the world by his wisdom, **and hath stretched out the heavens by his discretion.**

JER 51:15 He hath made the earth by his power, he hath established the world by his wisdom, and **hath stretched out the heaven** by his understanding.

Now to chapter 13 of The Fabric of the Cosmos book. The author is discussing how the eleven dimensions were developed. Remember, ten dimension theory had **nine space** dimensions and **one time** dimension, giving a **total** of **ten** dimensions. How, did we get to **eleven** dimensions?

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### "Eleven Dimensions

So, with our newfound power to analyze string theory, what insights have emerged? There have been many. I will focus on those that have had the greatest impact on the story of space and time.

Of primary importance, Witten's work revealed that the approximate string equations used in the 1970s and 1980s to conclude that the universe must have nine space dimensions *missed the true number by one*. The exact answer, his analysis showed, is that the universe according to M-theory has ten space dimensions, that is, eleven spacetime dimensions. Much as Kaluza found that a universe with five spacetime dimensions provided a framework for unifying electromagnetism and gravity, and much as string theorists found that a universe with ten spacetime dimensions provided a framework for unifying quantum mechanics and general relativity, Witten found that a universe with eleven space time dimensions provided a framework for unifying all string theories. Like five villages that appear, viewed from ground level, to be completely separate, but when viewed from a mountaintop--making use of an additional, vertical dimension--are seen to be connected by a web of paths and roadways, the additional space dimension emerging from Witten's analysis was crucial to his finding connections between all five string theories.

While Witten's discovery surely fit the historical pattern of achieving unity through more dimensions, when he announced the result at the annual international string theory conference in 1995, it shook the foundations of the field. Researchers, including me had thought long and hard about the approximate

equations being used, and everyone was confident that the analyses had given the final word on the number of dimensions. But Witten revealed something startling.

He showed that all of the previous analyses had made a mathematical simplification tantamount to *assuming* that a hitherto unrecognized tenth spatial dimension would be extremely small, much smaller than all others. So small, in fact, that the approximate string theory equations that all researchers were using lacked the resolving power to reveal even a mathematical hint of the dimension's existence. And that led everyone to conclude that string theory had only nine space dimensions. But with the new insight of the unified M-theoretic framework, Witten was able to go beyond the approximate equations, probe more finely, and demonstrate that one space dimension had been overlooked all along. Thus, Witten showed that the five ten-dimensional frameworks that string theorists had developed for more than a decade were actually five approximate descriptions of a single, underlying eleven-dimensional theorem.

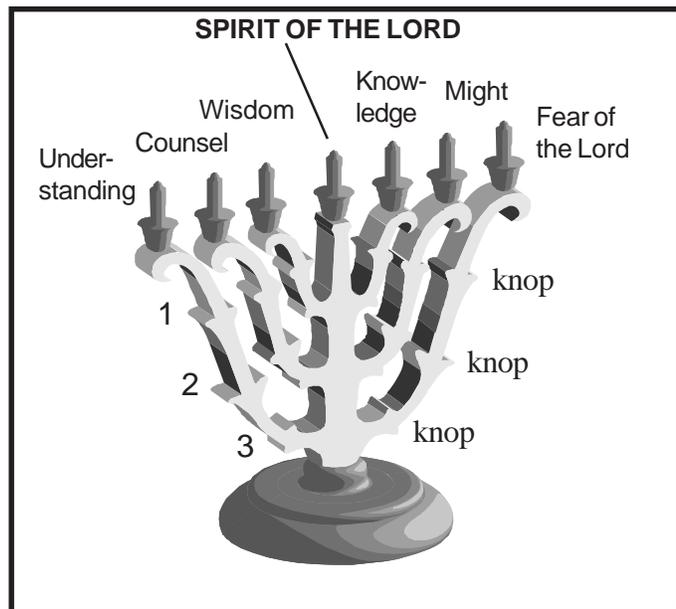
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 For the 'techies' amongst you, books similar to Greene's have been written by Micho Kaku and Lisa Randall.

So, what is the take-away idea from the above discussion? Scientists are now proposing an eleven dimensional universe. Four of these dimensions are in the 'seen' world and the rest are in the unseen world, possibly 'curled-up' in such a way that we can not see them.  $11 - 4 = 7$ .

Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear.

The book of Revelation refers to *the seven lamps of fire burning before the throne, which are the seven Spirits of God*. The seven Spirits of God are symbolized in the tabernacle by the seven branched lampstand - or the candlestick. The names of each of the lamps is given in Isaiah 11:1 and these are shown on the candlestick depicted here.

Note that the candlestick has six branches - three on one side of the main shaft and three on the other side. Notice that there are small little curlicues on the candlestick. The scriptures call these 'bowls and 'knops'. In modern day terms we would call them buds and blossoms. We are now going to ask you to look at the scriptures below and tell us how many total buds are on the seven lamped candlestick.



EXODUS 25:32 *And **six branches** shall come out of the sides of it; **three** branches of the candlestick out of the one side, and **three** branches of the candlestick out of the other side:*

<sup>33</sup> ***Three bowls** made like unto almonds, with a knop and a flower in one branch; and three bowls made like almonds in the other branch, with a knop and a flower: so in the **six** branches that come out of the candlestick.<sup>34</sup> And in the candlestick shall be **four bowls** made like unto almonds, with their knops and their flowers.*

So, what number did you come up with? Well, lets do the math. There are three branches on one side of the candlestick and three branches on the other side. This gives a total of six branches. The scriptures tell us that there are three bowls (or buds) on each branch. Six branches times three bowls per branch gives a total of 18. However, we are not quite finished yet.

<sup>33</sup> ***Three bowls made like unto almonds, with a knop and a flower in one branch; and three bowls made like almonds in the other branch, with a knop and a flower: so in the six branches that come out of the candlestick.<sup>34</sup> And in the candlestick shall be **four bowls** made like unto almonds, with their knops and their flowers.***

What about the main shaft of the candlestick? In verse 34, we are told that there are four bowls in it. So, 18 bowls plus 4 bowls gives us a total of 22 bowls. Why have we labored so hard to point this out? If you will turn to the very middle of your Bible (Psalm 119), you will find out.

#### **ALEPH**

- PSALMS 119:1 Blessed are the undefiled in the way, who walk in the law of the LORD.  
2 Blessed are they that keep his testimonies, and that seek him with the whole heart.  
3 They also do no iniquity: they walk in his ways.  
4 Thou hast commanded us to keep thy precepts diligently.  
5 O that my ways were directed to keep thy statutes!  
6 Then shall I not be ashamed, when I have respect unto all thy commandments.  
7 I will praise thee with uprightness of heart, when I shall have learned thy righteous judgments.  
8 I will keep thy statutes: O forsake me not utterly.

#### **BETH**

- 9 Wherewithal shall a young man cleanse his way? by taking heed thereto according to thy word.

...

**GIMEL DALETH HE VAU ZAIN CHETH TETH JOD CAPH LAMED MEM NUN SAMECH AIN PE  
TZADDI KOPH RESH SCHIN ...**

#### **TAU**

- PSA 119:169 Let my cry come near before thee, O LORD: give me understanding according to thy word.

The first letter of the first eight verses starts with the letter Aleph, the first letter of the next eight verses start with the letter Beth, and then so on until you reach the final eight verses (169 - 176) in Psalm 119 that start with the letter Tau. This type of arrangement is called an acrostic. How many letters are there in the Hebrew alphabet? Count them up and you will find that there are 22 letters. Have the scientists in their quest for the seven unseen dimensions bumped into the very building blocks of creation! - the 22 letters of the Hebrew alphabet?

The seven lamped candlestick represents light. Remember the words of creation in Genesis *Let there be light?* In the natural rainbow, we have the colors acronymed by the phrase *Roy G. Biv*. When white light is taken through a prism, it separates into the various colors. It seems that Indigo is sort of a hybrid between blue and violet in the natural world. The seven lamps in the higher octave of creation's building blocks include the rainbow colors. This is an envelope of pristine white light called the Spirit of the Lord. Why can we see into this realm? Centuries ago a very humble shoemaker named Jacob Boehme told of a visionary experience that he was given where in a few minutes he understood the building blocks of creation. He was not technically trained and could not find words in the natural realm to describe what he saw. The words of man's science at that time fell far, far short of even describing the concepts.

Wherever you might be reading this, close your eyes and imagine that you are a deaf and blind paraplegic that has been transported to some unknown location. If you could only feel, hear, or get a peek at your surroundings, so much information would fall into place. Now you have an idea of how blind most of mankind is to the unseen, spiritual world of the seven dimensional Spirit of God.

Why were almond buds chosen to be fashioned into the candlestick? Remember, the rod that Moses raised when the Red Sea was parted. This was the rod that Moses was given on the mountain and was then given to Aaron, who like Moses, was of the tribe of Levi. Remember, the showdown between the jealous tribes about leadership and the Lord made his choice clear by causing Aaron's rod to bud - *and, behold, the rod of Aaron for the house of Levi was budded, and brought forth buds, and bloomed blossoms, and yielded almonds.* The almond rod is a symbol of power and creation. What is so special about the almond rod? We will return to chapter 13 of The Fabric of the Cosmos to gather some hints.

"Figure 13.1 sketches the status of the five string theories before and after Witten's discovery, and is a good summary image to keep in mind. It illustrates that M-theory is not a new approach, per se, but that, by clearing the clouds, it promises a more refined and complete formulation of physical law than is provided by any one of the individual string theories. M-theory links together and embraces equally all five string theories by showing that each is part of a grander theoretical synthesis.

### The Power of Translation

Although Figure 13.1 schematically conveys the essential content of Witten's discovery, expressed in this way it might strike you like a bit of inside baseball. Before Witten's breakthrough, researcher thought there were five separate versions of string theory; after his breakthrough, they didn't. But if you'd never known that there were five purportedly distinct string theories, why should you care that the cleverest of all string theorists showed they aren't distinct after all? Why, in other words, was Witten's discovery revolutionary as opposed to a modest insight correcting a previous misconception?"

We have discussed the five additional dimensions beyond the physical world. But, as you compare the upper picture to the lower picture, it appears that a 'mountain of membrane theory in the middle of the five other theories joins them together. This seems to be a far digression from the subject of the almond rod that we introduced. But, is it? Please turn the page to find out.

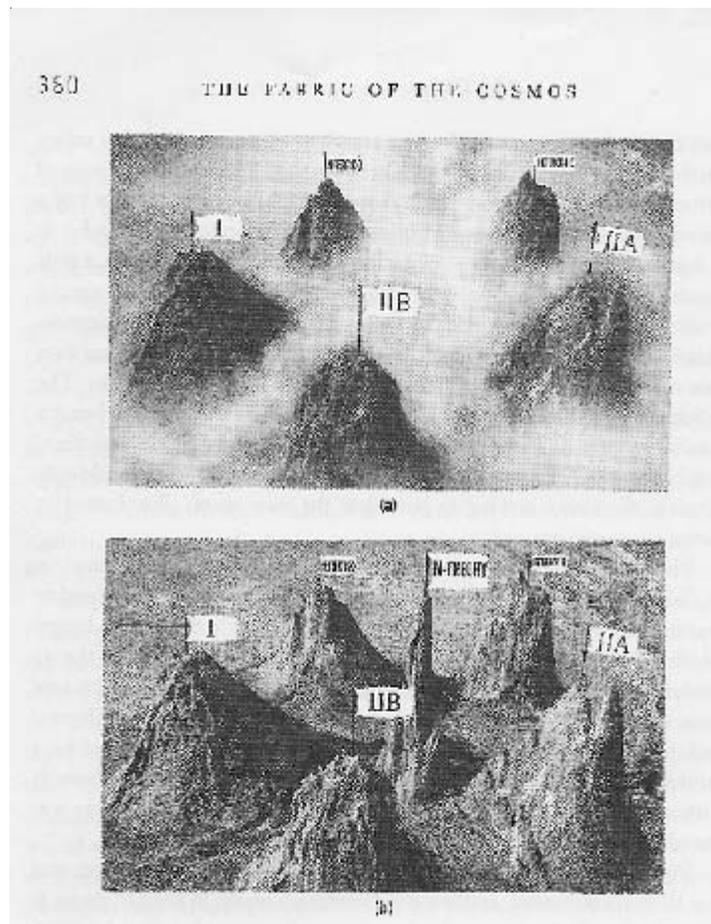
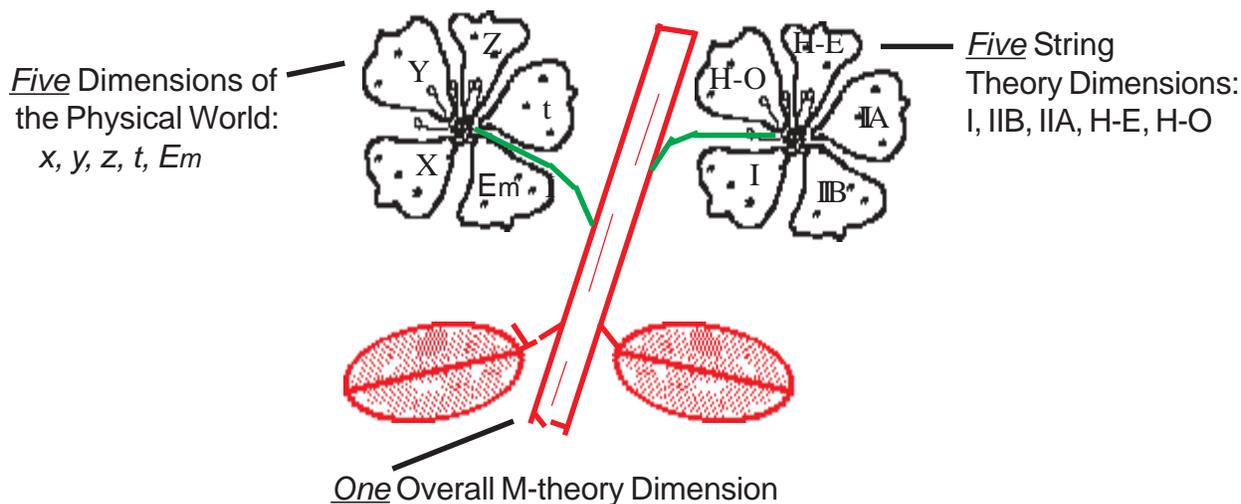


Figure 13.1: (a) Schematic portrayal of the five string theories, prior to 1995. (b) Schematic portrayal of the meta-unification revealed by M-theory.

## The Eleven Dimensions of the Almond Rod



The almond blossoms into five petals. Here we see five petals on one side and five on the other connected by a main stem. In the priesthood of Aaron, the priest exercised a rod of authority that budded. But, there is a greater priesthood than that of Aaron. What is that priesthood and does it have a rod?

PSA 110:2 The LORD shall send the **rod of thy strength** out of Zion: rule thou in the midst of thine enemies. <sup>3</sup> Thy people shall be willing in the day of thy power, in the beauties of holiness from the womb of the morning: thou hast the dew of thy youth. <sup>4</sup> The LORD hath sworn, and will not repent, **Thou art a priest for ever after the order of Melchizedek.**

ISA 11:1 And there shall come forth **a rod out of the stem of Jesse**, and a Branch shall grow out of his roots: <sup>2</sup> And the **spirit of the LORD** shall rest upon him, the spirit of **wisdom** and **understanding**, the spirit of **counsel** and **might**, the spirit of **knowledge** and of the **fear of the LORD**;

One of the curiosities of the Bible is that the priesthood of Melchizedek is mentioned eleven times in scripture. The above scriptures do show that the priesthood of Melchizedek definitely does have a rod of power. Jesse was the father of King David and out of the lineage of David came a Melchizedek priest who was born in Bethlehem, the city of David. Isaiah 11 tells us that this rod includes the seven Spirits of God: 1. Wisdom 2. Understanding 3. Counsel 4. Might 5. Knowledge 6. Fear of the Lord and these six branches are tied in to the overall 7. Spirit of the Lord. Further wonders of the priesthood of Melchizedek are about to be revealed. Add a mirror image of the 11 dimensions and you have the 22 letters of the Hebrew alphabet. Paul wrote *But we all, with open face beholding as in a mirror the glory of the Lord, are changed into the same image from glory to glory, even as by the Spirit of the Lord.*

This writing has discussed just one aspect of the code contained in the keystone that is being put in place to bridge between science and faith. The Bible tells us that the *Most High God* is *the possessor of heaven and earth*. The almond rod of the Most High's Melchizedek priesthood will assert the authority of the almond rod in both heaven and earth. As scientists probe the unseen realms, they will continue to 'bump' into the hidden treasures of God that are to be revealed in this millennium. Perhaps, the day will come when scientists will routinely use the Bible as a textbook to map the realms of the unseen and the unknown. Then, the keystone will have bridged between science and faith.